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# The Tech News Volume 2, Issue 13, December 7 1910

The Students of Worcester Polytechnic Institute

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# TECH NEWS



VOL. 2.—NO 13.

WORCESTER, MASS., WEDNESDAY, DECEMBER 7, 1910

PRICE FIVE CENTS

## A Varsity Hockey Team

### Fifty Men Out

There are a number of men on the Hill who are very enthusiastic over the hockey prospects, and their faith in the bright outlook has led them to start practicing already. The first practice was held last Monday and it is intended that there shall be a regular time for it each day. There was a successful Freshman team on the ice last year, going through the season undefeated and most of them are left now, ready to make hockey a Tech sport instead of a class one.

The dropping of basketball has opened a place for some other sport, and preferably one to be played out of doors, and one which will not cost so much as basketball did. In this game we need no expensive hall and the Freshman team won their games last year without the help of a professional coach. It is this item of money which stops the athletic activities at Tech every time, so here is the chance for every man who has played hockey to get out his skates and stick and go to practice in a sport which costs him nothing except time. Every one who has played at all knows that there is a great deal of pleasure to be obtained from joining in the game, and if you have not played before go get a stick and come out and join.

Permission has been obtained from the faculty to flood the oval inside the running track, which is well banked and will make an excellent rink. Professor Coombs is strongly in favor of the project and stated that "W's" would undoubtedly be awarded a winning team.

Letters have been received from several colleges regarding games and a schedule will be arranged as soon as possible. Our football rivals, "The Springfield Training School," have published their hockey schedule with an open date for W. P. I. and the chances are good for dates with Amherst, Amherst Aggies, and M. I. T.

The sophomore class had a hockey meeting last Friday with twenty-two candidates present and the freshman class was approached on the subject yesterday.

A conservative estimate would place the number of men out for hockey at fifty, and that means several first class teams to practice against one another. Besides there are such men as Allen, P. G.; Payette and Beach '11; Larned, Plaisted and Taylor '12; Craig, Franzen, Rockwell '13; and Coes and Keith '14, of known ability.

There are enough ponds around within one mile of Tech for the whole school to play hockey on, so just get out and show what Tech can do, for this is a sport which we can play with the largest college in the country and be on even terms.

### PROF. BUTTERFIELD ON COMMITTEE

A preliminary examination for appointment of a cadet from the Third Congressional District will be held at the Institute Jan. 17 and 18, under the direction of a committee of which Prof. A. D. Butterfield is chairman.

## Glee Club

### A Concert Dec. 16

Does everybody know that Tech's Glee Club is a blue-ribbon organization this year? Well, that's a fact! There hasn't been extra much said on the Hill about our musicians, but outsiders have done some talking whenever they have had a chance. Last Friday night our Glee Club and Orchestra, thirty-one in all, traveled to Leominster in a special car to furnish entertainment and music at a dance. A crowd of over three hundred enjoyed themselves.

There are plans for an informal concert to be given Friday evening, Dec. 16, in the Electric Laboratory.

The financial condition of the club is fairly good, it being practically self-supporting. Manager Crouch is hoping the coming concert will put the club in a position "to burn the mortgage." We hope he will not be disappointed.

The musicians had their pictures taken Saturday in a group.

The Glee Club made a good showing at the Hope Church last Monday night.

Manager Crouch is corresponding with several committees in regard to out-of-town engagements for the club during the winter.

### THE FORTY-FIRST CATALOGUE

The forty-first annual catalogue of the Worcester Polytechnic Institute has just been issued. It is a book of 260 pages, seven pages more than the catalogue of 1909-1910. The usual information is given in it as to corporation, faculty and instructors, plan and subjects of instruction, buildings and equipment and various student activities, while statistical information as to students and graduates takes up almost exactly half of the book.

The corporation numbers fourteen members at the present time, and would number fifteen if Mayor Logan, ex-officio a member of the Board, were not also a regular member. New names among the Trustees are Rev. Allyn King Foster, pastor of the First Baptist Church, and Messrs. F. H. Daniels and C. G. Stratton, both graduates of the Institute, Mr. Daniels in 1873 and Mr. Stratton in 1875.

In the summary following the register of graduates, it is seen that 2845 students have been enrolled at the Institute since it opened in 1868, but that only 1420 have graduated, a fraction under 50 per cent. The geographical list, mentioned above, shows that Institute graduates are found in Australia, Tasmania, eastern Siberia, South America, Japan, China, and many other countries of Asia and Europe.

## Alumni Spirit Strong

### Board Track a Certainty at Tech

Scarcely a month ago the idea of a board track at Tech was only a vaguely defined hope in the minds of the managers of the track team, but the enthusiastic and in nearly every case generous response of the alumni to Manager Hartwell's efforts has made that hope a certainty. With the aid of Professor Coombs, an exhaustive survey of all the graduates was made, and all those whom it was thought could be induced by any liquid flow of animated verbal suasion to donate toward the building of a board track "in the shadow of Boynton Hill" were listed. From that time on Manager Hartwell and Assistant Manager Craig have spent every spare moment of their time invading offices, getting by secretaries, office boys and private detectives to the inner sanctum of Tech grads who have made good and presenting their case. In nearly every instance the magic words, "from Worcester Tech," served as an "open sesame" to the closely guarded offices of the alumni, and when after listening for a few minutes to the eloquent flow of persuasively appealing arguments, painting in vivid and striking colors the vitally important necessity of a board track for our sterling athletes to train upon (almost) instantly, with tears of gratitude at their privilege and golden opportunity, they (in nearly all cases) reached into their strong box and grasping a handful (sometimes) of legal tender, gold and silver certificates, token money, etc. (students of economics note subtle difference), they sent Manager Hartwell, assisted by Assistant Manager Craig, on their respective ways (this time covering) rejoicing, allegorically speaking in a metaphorical sense.

But to banish all frivolity and to get down to hard facts, it has been estimated that the lumber alone would involve an outlay of \$200, and the building of the track would cost half as much more if regular carpenters were employed. Of this sum, the amount necessary for the lumber has already been obtained, and work will be immediately begun on the building of the track, which will probably be located where the cinder track now is. In the meantime, training will go on as usual on the cinder track, which will be cleaned of the slight amount of snow that covered it last week.

### WIRELESS

The next meeting of the Wireless Association will be held Friday at five o'clock in the Electrical Engineering lecture hall. All interested are invited. All desiring to join the association should hand their names to Harrison E. Kent '14, secretary.

## CALENDAR

WEDNESDAY, Dec. 7.

Y. M. C. A. meeting.

Glee Club rehearsal at 5 p.m. in Y. M. C. A. room.

THURSDAY, Dec. 8.

Tech Show rehearsal at 4.45 p.m.

FRIDAY, Dec. 9.

Orchestra rehearsal at 5 p.m. in Y. M. C. A. room.

Meeting of Electrical Society in Electric Laboratory at 8 p.m.

MONDAY, Dec. 12.

Physics Colloquium at 4.45 p.m. in physics lecture room.

Glee Club rehearsal at 5 p.m. in Y. M. C. A. room.

TUESDAY, Dec. 13.

Orchestra rehearsal at 5 p.m. in Y. M. C. A. room.

Tech Show rehearsal at 4.45 p.m.

EVERY DAY.

Hockey practice.

Track team practice.



The next regular meeting of the Branch will take place Friday evening at eight o'clock, in the Electrical Engineering lecture hall. "Some Recent Methods of Dealing with Engineering Mathematics" will be the lecture subject. The speaker will be Professor Arthur F. Nesbit, professor of physics at New Hampshire College. Professor Nesbit is interested in the application of mathematics to engineering, and has made a study of putting life into the teaching of the subject, treating mathematics as a tool of the engineer. Professor Nesbit will present the subject in such a way that his lecture will be useful to all who are now or who expect to be connected with engineering work. Everyone interested is invited to attend. The lecture will be illustrated.

### SEVENTEEN MEN GET LETTER

#### Directors Award Football W

At the last meeting of the Athletic Directors seventeen men were awarded W's, fourteen of which having played in the necessary number of games, two men by special vote of the Board and one to the manager of the team. The list of the men is as follows: B. J. Halligan '11, C. E. Gillett '11, C. M. Brown '11, R. T. Read '11, H. V. Leekie '11, J. D. Power '12, M. G. Halligan '12, N. E. Frissell '12, W. L. Sherman '12, G. F. Whitney '12, C. C. Clough '13, L. B. Lewis '13, D. G. Howard '13, W. W. Tuttle '13, C. F. Fritch '14, H. L. Kane '14, H. Z. Landon '11, manager.

## TECH NEWS

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by

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All communications should be addressed to  
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All checks should be made payable to the  
Business Manager.

The Tech News welcomes communications  
upon pertinent subjects at any time, but does not  
hold itself responsible for the opinions therein  
expressed.

All material should be in before Monday  
noon at the latest in order to have it appear in  
the week's issue.

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the Act of March 3d, 1879.

THE BLANCHARD PRESS, PRINTERS

6 Walnut St., Worcester, Mass.

## M. E. SOCIETY.

The regular monthly meeting of the  
Mechanical Engineering Society was held  
in the large lecture room of the Engineering  
building last week. After a short  
business meeting Mr. E. H. Claassen,  
president of the society, introduced Mr.  
Lester W. West, W. P. L., 1900, who  
addressed the society on the subject of  
"Structural Steel." Mr. West is assistant  
engineer with the Eastern Bridge &  
Structural Co., Worcester, Mass., and has  
been recently engaged on the structural  
steel work for the new Lincoln Theatre.  
In his address he referred to this fact, and  
by means of blackboard sketches showed  
some of the details of a hundred-foot  
girder which is going into this construction.  
The members of the Civil Engi-  
neers' Club were present by invitation.  
Professors W. W. Bird and A. W. French  
discussed the paper.

## COSMOPOLITAN SOCIAL CLUB

On last Sunday afternoon, the mem-  
bers of the Cosmopolitan Club listened to  
a most interesting talk on the centennial  
celebration of the founding of the Uni-  
versity of Berlin which was held at Berlin  
in October. The talk was given by Professor  
Webster, of Clark University, who at-  
tended the celebration as one of the repre-  
sentatives from the United States.

He started with a short account of the

history of the founding of the university,  
and following that, he gave a good de-  
scription of the university and of the city,  
which he compared with other large cities  
of the world. This was illustrated by  
photographs. After this he gave a vivid,  
detailed account of the celebration itself,  
which gave his hearers a good idea of the  
German point of view in regard to uni-  
versities, the Kaiser, and the "Vaterland."  
The talk was most entertaining and in-  
structive.

After the talk, refreshments were served  
by the Entertainment Committee.

## CIVIL ENGINEERING SOCIETY

The Civil Engineering Society was re-  
organized Friday evening Dec. 2, by a  
good representation of the students in the  
civil department. When the other things  
that were going on are considered, the  
future of the society looks bright.

The meeting came to order at seven  
o'clock and the revised constitution was  
accepted. The constitution was not  
materially different from the old one; the  
main thing that was altered by the Reor-  
ganization Committee was the provision  
for a board of directors. The new society  
will be more of a student organization than  
formerly, and it is expected that more  
interest will be shown by the students in  
its management.

After the constitution was accepted the  
following officers were elected: President,  
H. P. Conklin '11; Vice-president, W. T.  
Potter '12; Treasurer, S. F. Hunt '13;  
Secretary, N. F. Nutter '13.

The meeting then adjourned and the  
members went to the meeting of the  
Mechanical Society.

There will be a meeting of the Civil  
Society Tuesday, Dec. 20. Mr. S. D.  
Newbury, of the Sandusky Portland  
Cement Co., of Sandusky, Ohio, will  
speak on "Portland Cement." This will  
be an exceedingly interesting meeting not  
only for the civils, but for everybody  
on the Hill. It is hoped that this meeting  
will be the largest yet held, and every one  
is urged to attend.

## THIS TIME IN KINEMATICS

Nemo, after getting badly tangled in  
his explanation of a certain phase in kine-  
matics, finally ejaculates: "Well, I wish  
you'd explain to me just what I tried to  
tell you about that problem."

## FOOTBALL MEN ENTERTAINED.

Professor Coombs entertained the mem-  
bers of the first and second football teams  
at his home last week. Among those  
assisting were Professor and Mrs. A. D.  
Butterfield and Mr. and Mrs. G. M. Orr.  
Mr. Orr was the coach of the team this  
year.

## ATHLETIC REMINDERS

Help out our hustling track manager by  
doing something yourself.

An hour's skating after class will help  
you, and the Hockey Club.

From the fence Craig seems to have the  
same ability as of yore.

By general consent that senior game  
will be played Jan. 8, on the ice at Elm  
Park. 3.30, don't miss it.

Now is the time to work up an inter-  
class hockey team. Talk this over and  
let's hear more about it.

Don't forget that \$4. The Athletic  
Association has not yet received a Car-  
negie endowment.

If you want your skates ground, take  
them up to Mr. Tilden; he can sharpen  
skates to perfection.

If you can do anything at all in track  
work, come around and get acquainted  
with Coach Charlie O'Connor.

By all present appearances, hockey is  
going to be rushed some at Tech this win-  
ter.

Tech athletics are gaining strength  
appreciably every month; boom the indoor  
track for all it's worth.

It's no use talking—that prospective  
board track surely looks like the forerunner  
of a gymnasium, or indoor track, or some-  
thing.

By the time our board track is finished  
we ought to have forty track men in good  
running condition.

The H<sub>2</sub>O in Salisbury Pond was  
lowered in temperature until it reached  
4° Centigrade; the upper part of the water  
was again lowered to about 0° Centi-  
grade, whereupon it solidified, and ex-  
panded 1.09 times its original volume—  
that will do, get out your skates and  
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### A COMMUNICATION

To the Editor of the Tech News.

As the Senior Class will meet within a comparatively short time to elect officers for the second half of the year, the question arises in the minds of many seniors as to whether some provision ought not to be made for properly celebrating a class day. Spasmodic attempts have been made in past years to accomplish something along this line, but no class in recent years, at least, has succeeded in holding anything resembling a true college class day. Some classes have planted trees which did not live through the summer, while others have confined their energies to carving their numerals on a rock or part of Boynton Hall. Last year the class of 1910 conducted some very enjoyable exercises, although in the opinion of the writer midnight is hardly the proper hour for the presentation of a class gift. That sundial which our predecessors presented to the Institute was broken about a week after its erection and has never been repaired.

Since the authorities were willing to accept that gift, it really seems only fair that they should keep it in repair.

Last year the seniors planned more elaborate exercises and voted to appear in cap and gown, but reconsidered this when informed that the faculty did not approve. With all due respect to the faculty, that appeared to be an unwarranted interference. To most of us it seems only just that a class should have one day out of the four years' grind for its very own and not be restricted as to how it should celebrate.

The writer sincerely hopes that his class will institute a new precedent at Tech and hold a real class day. The class has always been well represented by able speakers whenever it has appeared at banquets, etc., and there appears to be no dearth of oratorical talent. Why, then, can we not hold class day exercises with an ivy oration, class oration, and whatever other numbers which might seem in accord with the spirit of the day? We have little enough of true college spirit here at Tech, and there surely is room for such a day. As seniors we have a splendid chance to conduct a class day which will be a credit to ourselves as well as to the Institute. Let us make the most of this opportunity and as soon as possible choose a committee and elect the necessary officers.

—A Senior.

### NEWS OF THE COLLEGES

Civil engineers of Boston Tech adopt new pin. The design consists of a Boston target rod, with the proper inscription on the red target.

Minnesota and Dakota colleges have agreed to allow their baseball players to play professional ball during the summer months without losing their athletic standing.

It costs Yale freshmen on an average \$1,033 per year. Upper classmen spend more. Few get along on less than \$500.

Artesian wells at the Yale gymnasium will supply the Carnegie pool with water at the rate of 30,000 gallons an hour.

Carnegie recently donated the sum of \$1,500,000 to the Carnegie Tech Schools, of which he is the founder.

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Out at Margaret Morrison Tech School in Pennsylvania, young women are being taught how to cook, with a view of not transforming their future husbands into confirmed dyspeptics. There is no need to teach them how to catch a husband.

The Board of Trustees of the University of Maine has passed a rule prohibiting the freshmen from living in fraternity houses. This goes into effect next fall.

University of Pennsylvania library has now passed the 300,000 mark in the number of books on its shelves, placing it among the first rank of university libraries in this country.

In his annual report President Faunce of Brown advocates increase of salaries for the faculty, as the higher cost of living demands it.

F. W. Read '05, who has been inspector of equipment with the American Telephone & Telegraph Co. at Atlanta, Ga., now occupies a similar position with the Western Union Telegraph Co. of New York City.

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The branch of the Consumers' League at Smith is constantly making its influence felt both among the students and among the townspeople. At present it is taking active measures to rationalize Christmas shopping of the students as far as it can. All the league members have pledged themselves to do as much of their shopping as possible before Dec. 15.

The University debaters have begun training for the triangular meet with Columbia and Cornell. The question to be debated will be upon the general subject of the "Conservation of Our National Resources." The preliminary trials for the University team begin on Monday.

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### SIGNS OF FALL.

When the leaves turn gold and yellow,  
And the fruit is ripe and mellow—  
Beneath their load trees bend which stood  
so tall,  
Then you need no one to tell you  
What you know—all things compel you  
To observe these very obvious signs of  
Fall.

When the Techman all in rapture,  
Starts out some fair maid's heart to  
capture—  
His spirits high—he never "grinds" at  
all.

Exam days, which settle some things,  
Come along and to him grief brings,  
For then there usually are "signs of Fall."

When a man hilarious feeling,  
Steps on a banana peeling,  
Then things turn upside down and there's  
a "squall."

But just to prove his real elation  
On rising from his lowly station,  
He smiles (?) upon the peel—(the signs of  
Fall).

When his puns don't turn out funny,  
Then the scribe's work's not so sunny,  
And back to timbers old he'd like to  
crawl—  
Far off where there's no storms brewing,  
Yet where there's always something  
doing—  
P'raps to Niag'ra where there's real signs  
of Fall.

—Billy Aitch.

### ALUMNI NEWS

Dr. Allerton L. Cushman, a graduate from the chemical department in the class of 1888, is about to found, in the city of Washington, "The Institute of Industrial Research." It will be the object of the Institute to undertake the investigation of industrial problems in all lines, but more particularly those branches of investigation connected with metallurgical problems, with special reference to the production and conservation of industrial metals; to agricultural chem-

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istry and land and fertilizer problems; to hydraulic cements, including their improvement and the extension of their use; to chemical industry, including the improvement of present processes and the establishment of new ones. The principal object in view is the establishment of an authoritative institute where the technical and scientific investigation of industrial problems can be carried on in such a manner as to insure work of the highest possible order in technical research.

M. M. Libby '00 was a visitor at the Institute last week. Mr. Libby graduated in the course in mechanical engineering, returning two years later and graduating in electrical engineering in 1903. For some years he was located in San Francisco, making a specialty of the installation of steam, gas and electrical power plants. Mr. Libby will in December take a position with the Canadian Fairbanks Co., of which H. J. Fuller '95 is President. His headquarters will be in Toronto.

Tel. 980

Lady Assistant

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